

AMENDMENTS TO THE SPECIFICATION:

Page 1, delete the paragraph beginning on line 23 and ending on line 24.

Page 2, replace the paragraph, beginning on line 25, bridging pages 2 and 3, with the following amended paragraph:

--Reference is now made to figure 1, in which a laminate according to the invention is shown. The laminate comprises at least one layer including a resistance element (1) and at least one layer formed of a ~~[[fibre]]~~ fiber reinforced thermoplastic mat (2). The resistance element (1) and the ~~[[fibre]]~~ fiber reinforced thermoplastic (2) are laminated under pressure, preferably by ~~vaceuum~~ vacuum ~~moulding~~ molding, and the thermoplastic is melted under heat and then cooled so that the resistance element completely or partly is enclosed by thermoplastic and is consolidated as a laminate. The glass ~~[[fibre]]~~ fiber reinforced thermoplastic works as an insulator to the ~~[[mould]]~~ mold and for protecting the resistance element. The reinforcing ~~[[fibre]]~~ fiber protects resistive wires against mechanical penetration. One example on this effect is that metal devices which scrape against the glass ~~[[fibre]]~~ fiber reinforcement will not easily penetrate the thermoplastic layer, so that the resistance element is protected.--

Page 4, replace the paragraph, beginning on line 21, with the following amended paragraph:

--In a preferred embodiment, at least the resistive wire is arranged in a pattern on an area, e.g. as indicated in fig. 1. Because the thermoplastic layer is resistant to corrosive substances, the resistive wire may be arranged directly onto the thermoplastic layer (2), for example imprinted or etched directly onto the thermoplastic layer (2), which preferably is a partly consolidated thermoplastic textile. In a possible embodiment of the invention the resistance element is present as a silk screen imprinted or photo-engraved resistance element (1) including a resistive wire (10) in an insulating matrix (50), ~~which is very simply sketched in figure 1.--~~

Page 5, replace the paragraph, beginning on line 9, with the following amended paragraph:

--The fibre reinforcement (26) in the thermoplastic may in principle be of any material which is non-conductive, electrically insulating material. Conductive fibres such as carbon are excluded in this connection. The fibre reinforced thermoplastic mat (2) includes in a preferred embodiment non-conductive reinforcement filaments ~~[[(26)]]~~ (25), preferably of glass fibre filaments. The content of glass fibre reinforcement is of less signification, but may be between 10-90%, preferably 30-70%, and most preferably 50-65%.--

Page 6, replace the paragraph, beginning on line 11, with the following amended paragraph:

--Wear-resistant and sturdy heat elements may advantageously be utilized as heat source or construction element of stretchers and beds. The laminate may ~~[[aslo]]~~ also constitute a structural part for mounting in buildings, for example on walls, floors, ceilings or other suitable places. The heat element may according to the invention also be a part of a structural element, which may constitute a structural part of a wall, or a loadbearing or structural fibre reinforced part of anything, floors, the inner side of car doors, bathroom floors, both as a base for tiles or as independent, loadbearing floor, as a bath tub having incorporated heating cables, or as a panel heater which can be mounted (glued) directly on a wall. Some advantages with such a laminate are that it may be manufactured so as to have a large area, and that the heat element may be made so as to have a very low thickness in relation to its area, while having a large resistance to bending moment and be wear-resistant.--